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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,150	07/08/2003	Oleg S. Fishman	1946-004 US	8234
31855	7590	03/07/2005	EXAMINER	
PHILIP O. POST INDEL, INC. PO BOX 157 RANCOCAS, NJ 08073			VAN, QUANG T	
			ART UNIT	PAPER NUMBER
			3742	

DATE MAILED: 03/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

5P

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/615,150	FISHMAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Quang T Van	3742	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 January 2005.
- 2a) ☐ This action is **FINAL**.
- 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 20-29 is/are allowed.
- 6) ☒ Claim(s) 14-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \*    c) ☐ None of:  
    - 1. ☐ Certified copies of the priority documents have been received.
    - 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    - 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

***Election/Restrictions***

1. Applicant's election without traverse of Species II (Figures 6-7) in the reply filed on 1/21/2005 is acknowledged.

***Drawings***

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, "a means for cutting a one or more bonded products" recited in claim 15, 19, 21 and 28 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 14-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Steiner et al (US 6,770,380). Steiner discloses a resin/copper/metal laminate and method producing the same comprising a means (62) for bringing the bonded sheet (26, 32) and the base sheet (22, 40) adjacent to each other to form an adjacently disposed base-bond sheet (20); and one or more induction coils (72) through which the adjacently disposed base-bond sheet passes to inductively heat at least the base sheet (22, 40) to bond the bond sheet (26,32) to the base sheet (22,40) to form a bonded sheet (20).

5. Claims 14, 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Balla (US 3,941,643). Balla discloses a method for the manufacture of laminated packing material comprising a means (4) for bringing the bonded sheet (3) and the base sheet (1) adjacent to each other to form an adjacently disposed base-bond sheet; and one or more induction coils (6) through which the adjacently disposed base-bond sheet passes to inductively heat at least the base sheet (1) to bond the bond sheet (3) to the base sheet (1) to form a bonded sheet (the Figure).

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6. Claims 14, 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Adcock et al (US 3,556,887). Adcock discloses production of laminates comprising a means (5) for bringing the bonded sheet (3) and the base sheet (1) adjacent to each other to form an adjacently disposed base-bond sheet (8); and one or more induction coils (6) through which the adjacently disposed base-bond sheet (8) passes to inductively heat at least the base sheet (1) to bond the bond sheet (3) to the base sheet (1) to form a bonded sheet (8).

NOTE: Since claim 14 uses means plus function format, it gives rise to the interpretation under 35 USC 112, par. 6 in light of and consistent with the written description of the invention in the application.

### ***Claim Rejections - 35 USC § 103***

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 15 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Balla (US 3,941,643) or Adcock et al (US 3,556,887) in view of James (US 3,461,014). Balla and Adcock disclose substantially all features of the claimed invention except a means for cutting. James discloses a means for cutting (K, figure 4, col. 6., lines 61-64). It would have been obvious to one having ordinary skill in the art at the

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time the invention was made to utilize in Balla and Adcock a means for cutting as taught by James in order to cut one or more bonded products from the bonded sheet.

NOTE: Since claim 15 uses means plus function format, it gives rise to the interpretation under 35 USC 112, par. 6 in light of and consistent with the written description of the invention in the application.

9. Claims 20-29 are allowed.

10. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not show or suggest combination of a means for bringing the first bond sheet of the first adjacently disposed base-bond sheet adjacent to the second bond sheet of the second adjacently disposed base-bond sheet to form a back-to-back layered sheeting arrangement; and one or more induction coils through which the back-to-back layered sheeting arrangement passes to inductively heat at least the first and the second base sheets to bond the first bond sheet to the first base sheet and form a first bonded sheet, and to bond the second bond sheet to the second base sheet to form a second bonded sheet as recited in claims 20-29.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang T Van whose telephone number is 571-272-4789. The examiner can normally be reached on 8:00Am 7:00Pm M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on 571-272-4777. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



QV

February 24, 2005



Quang T Van  
Primary Examiner  
Art Unit 3742